JTEN ABCA Training Environment

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(U) Purpose of Briefing

- Update and discuss Issues related to the evolution of ABC connections to JTEN
- To present the JTEN ABCA Training Environment Concept
- Discuss JTEN ABCA Training Environment Way Ahead
- Forums

JFCOM/J7 Training Network Priorities

- JFCOM J7 Connection and Resource Priorities
  - ABCA requirements for permanent LVC capability
  - NATO requirements for permanent LVC capability
    - ISAF!
  - Interagency requirements
    - JTEN National Capitol Region Node (NCR)
    - DISA cross-credential initiatives
      - Remove Network anonymity
    - Reciprocity
  - Support developing partners' requirements
- General Mattis' posture statement to Congress in March emphasized our commitment to NATO

Present ABCA Connection Issues

- The evolution of connections directly to our Trusted Mission Partners (Australia, Britain, Canada) has unintended consequences and issues.
  - US partners are not confident in the security of their data when using the current, approved technical approach of connecting to Trusted Mission Partners
    - AF and Navy may exercise their prerogative to disconnect that can result in loss of training for Army and MC
    - Adherence to “Presumption of Release “ to Trusted Mission Partners difficult
  - Management: 80+ exercises per year including those with Trusted Mission Partners
    - Information is managed by white list and black list
      - for every client node
      - For every exercise
  - Present rules prevent our Trusted Mission Partners from connecting to their national infrastructure to exercise their C2

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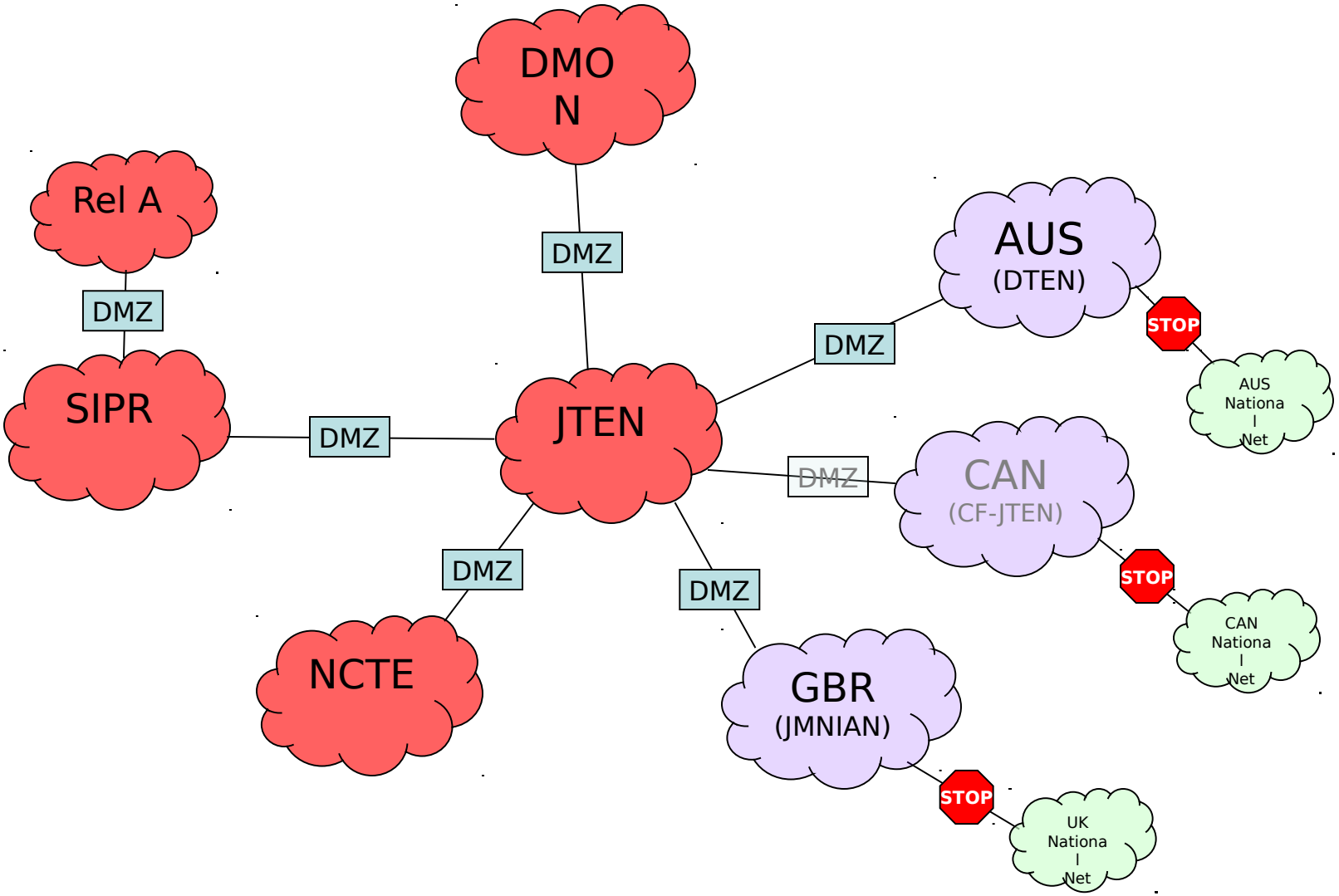
Evolution to Present Configuration



JTEN Bilateral ABCA Training Environment

- Solution:
  - Transition ABCA connections into a new JTEN Bilateral ABCA Training Environment/Enclave

- Assumptions:
  - All connections are still bilateral
    - Can configure for multilateral exercises
    - Multiple connections are possible for US Partners
  - Training Environment is aligned with SIPRNet Rel A architecture
    - Within the environment, black list prevails
    - Supports Presumption of Release
  - DATA stored within the environment is assumed to be Rel 4 eyes
  - Parties connecting into the environment are responsible for proper classification and releasibility of information provided
  - A set of “REL” services will be established
    - Provisions for sharing and exchange of scheduling information will be built in

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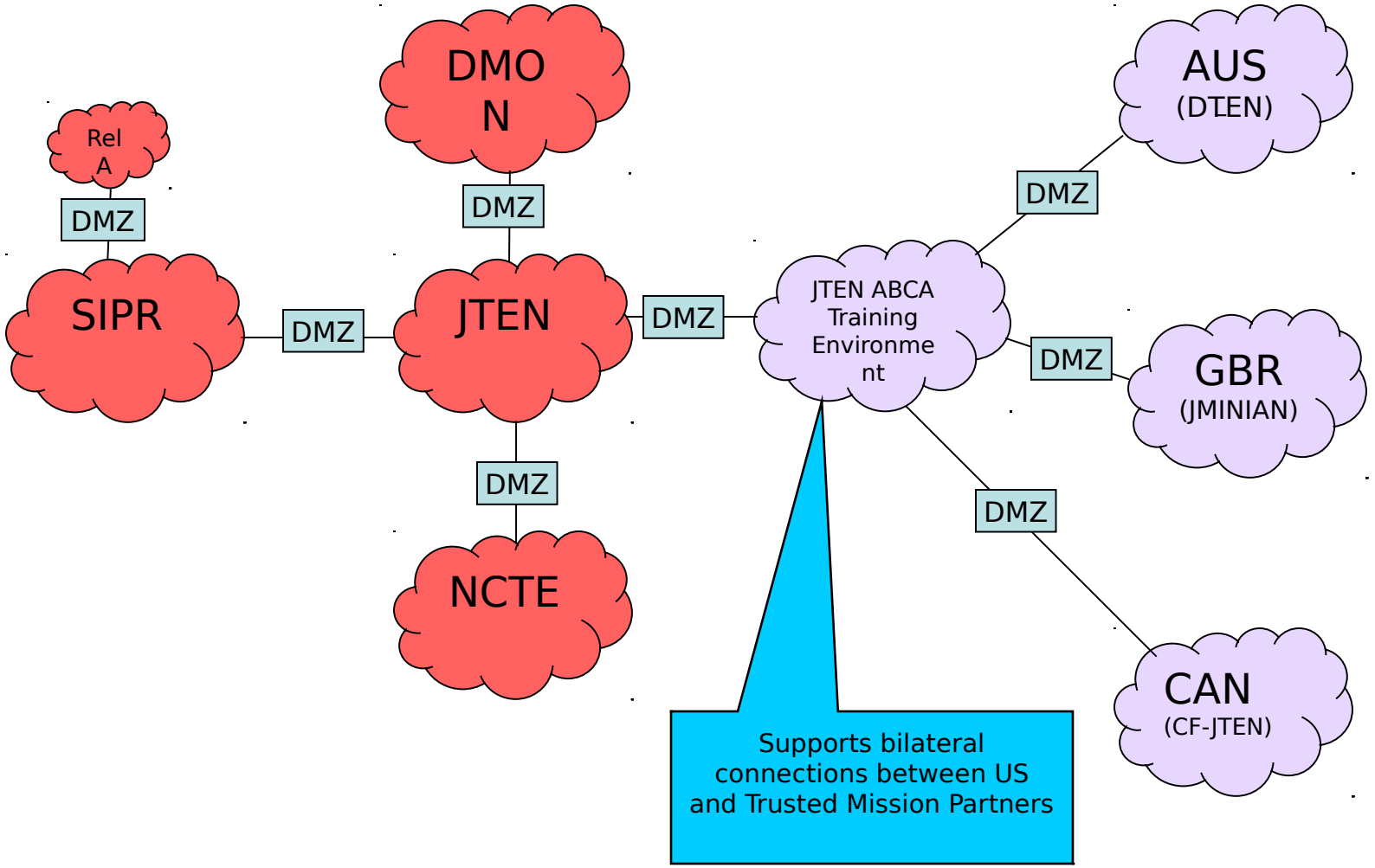
JTEN ABCA Training Environment Concept



JTEN ABCA Way Ahead

- #1 Priority … Move ahead with engineering and building the ABCA Training Environment
  - Goal is Coalition Virtual Flag, 2010
  - Feed requirements into NextGen JTEN project
- Secure adequate out year funding for Training CDS and IA Solutions
- Continue working Air Force and Navy Concerns
  - Goal to develop and incorporate any changes to allay security concerns within the ABCA Environment
  - Develop a solution that allows us to connect to multiple agency and coalition partners for training events
- Investigate a solution that allows Trusted Mission Partners to exercise their C2 systems while connected to JTEN

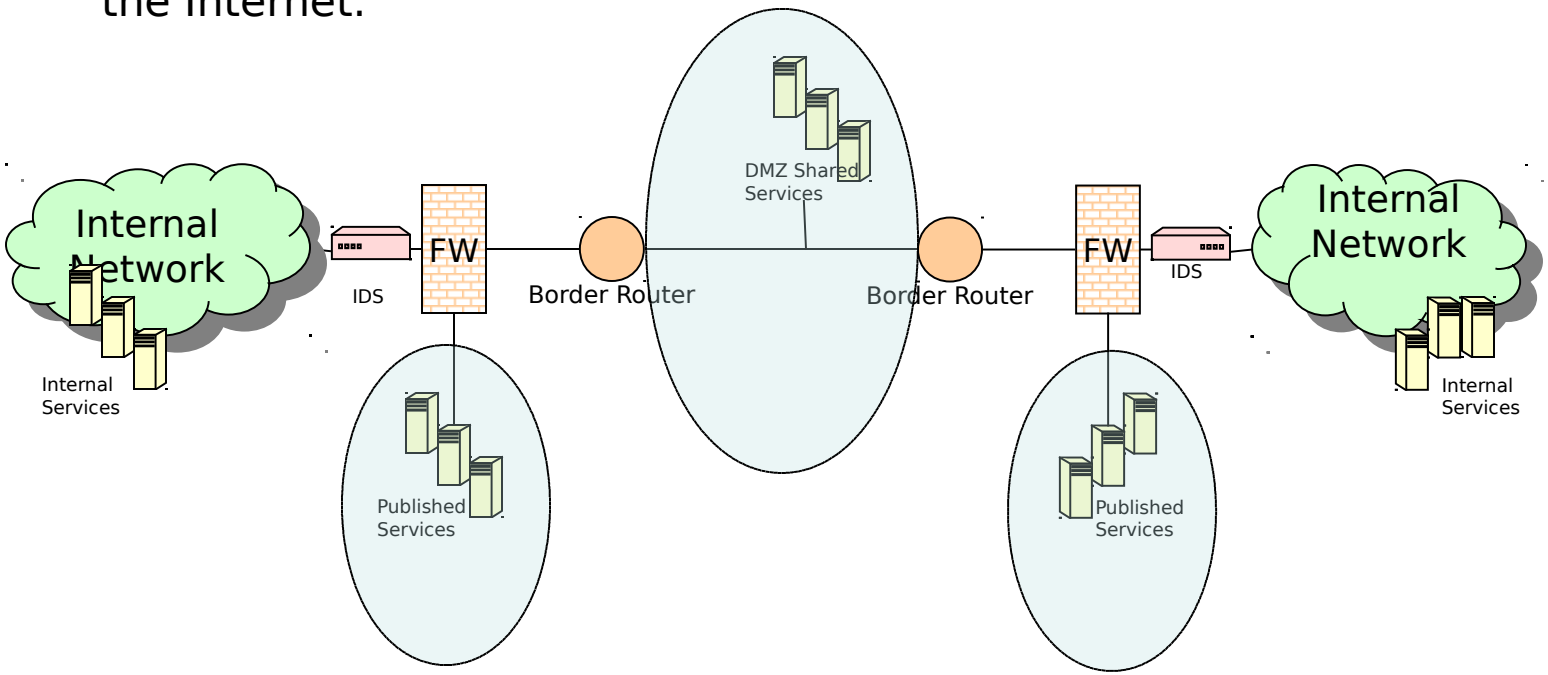
Established ABCA Forums

- Two Monthly Telcon/DCO Sessions
  - 2nd and 4th Wednesday of the Month
    - 2ND At 1700 EST
    - 4th At 0900 EST
- Invitees
  - JFCOM J7
    - Technical Mangers
    - Ops Planners
  - Canadian, United Kingdom ,and Australia LNOs
  - COCOMS
    - EUCOM
    - PACOM
    - NORTHCOM
  - JTEN SE's
  - Meeting is Morphing and combining ...
    - Technical Exchange meeting
    - Moving to include Operations and Scheduling
      - Bob Kean
      - CDR Borden
- JTEN ABCA Training Environment services may offer a solution to the ABCA scheduling issues

Questions

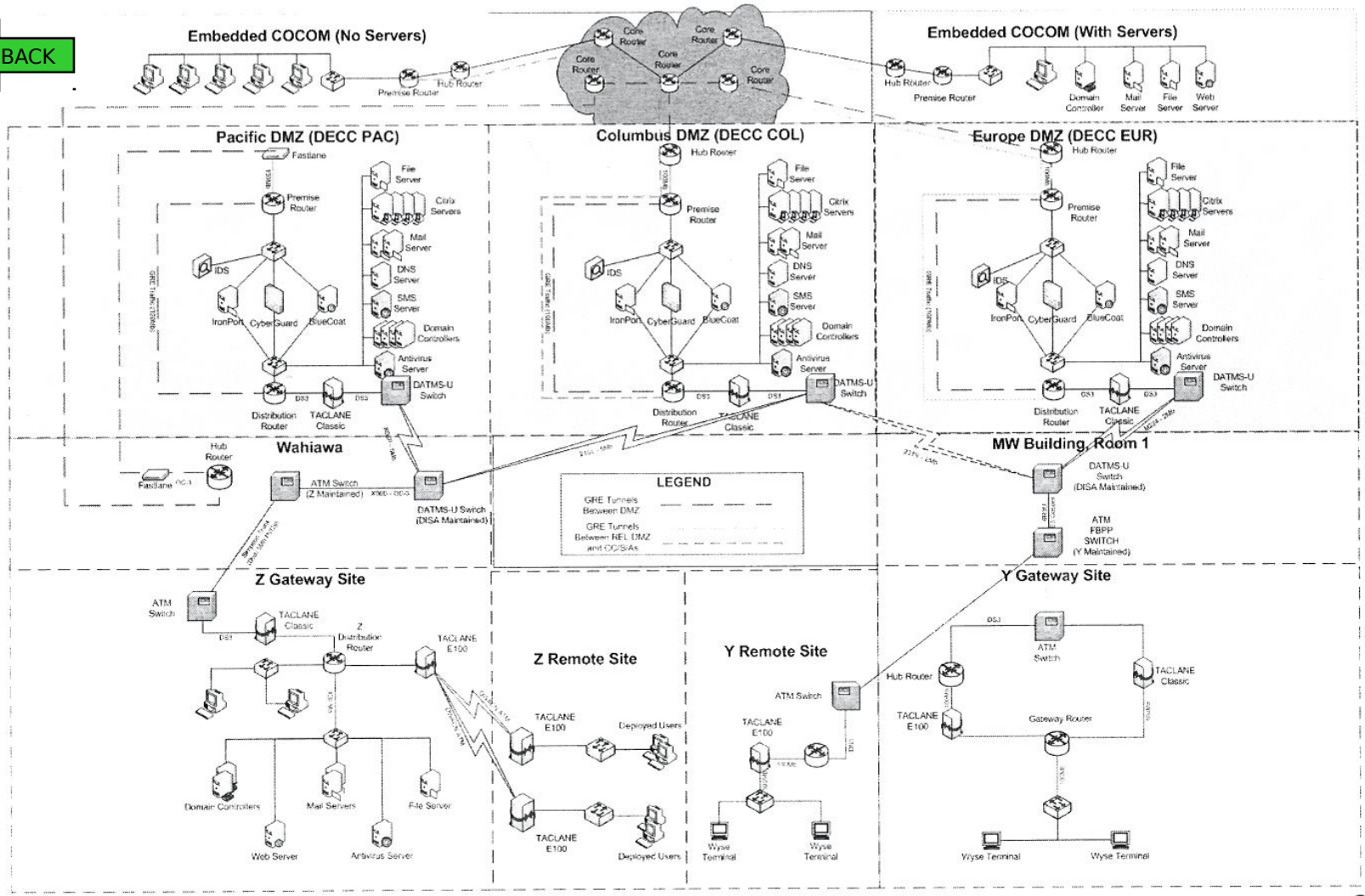
What is a DMZ?

- **Demilitarized zone**
  - named after the military usage of the term and normally abbreviated to **DMZ**; also known as a **demarcation zone** or **perimeter network**, is a physical or logical sub network that contains and exposes an organization's external services to a larger, un-trusted network, usually the Internet.



REL DMZ Detailed Architecture

BACK



Training CDIS Solution Way Ahead

- JWFC Technical Solutions Analysis
  - Priority Approach
    - ABCA (in Progress)
    - NATO/ACT/ISAF (In Progress)
    - Agency
    - Emerging Requirements
      - KORCOM etc.
- Detailed Use Case Requirements Analysis
  - Exercises to Analyze
    - CVF-09 – AC10
    - PANAMEX – HOA
  - COCOM, Service Training CDS Summit
    - JWFC Host
    - Mid to Late October, 2009